

Program EVALPLOT  
(Version 2021-1)

by

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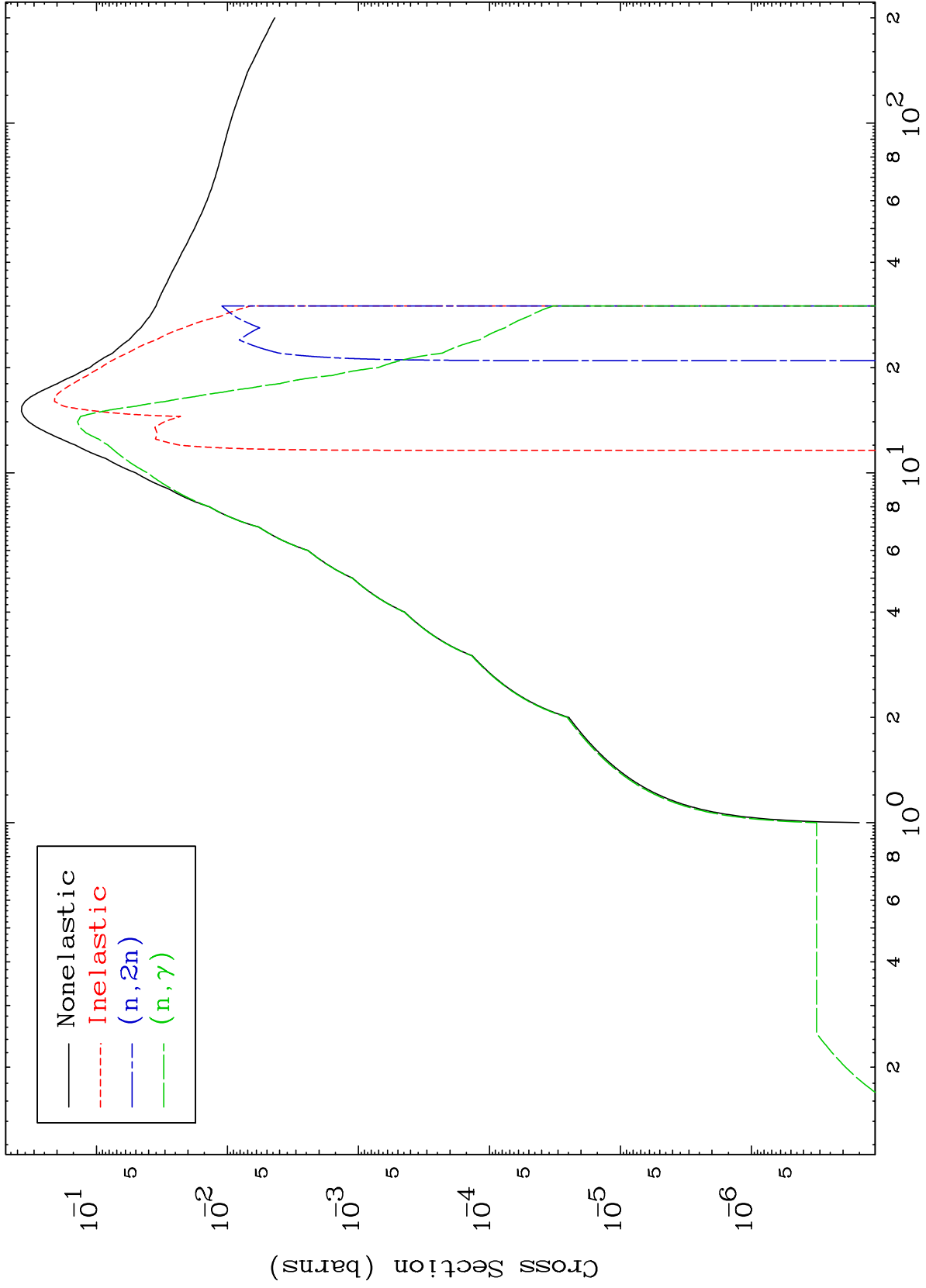
Press Mouse Button to Start

MAT 6401

Photon Major

64-Gd-144

0 Kelvin Cross Sections



1

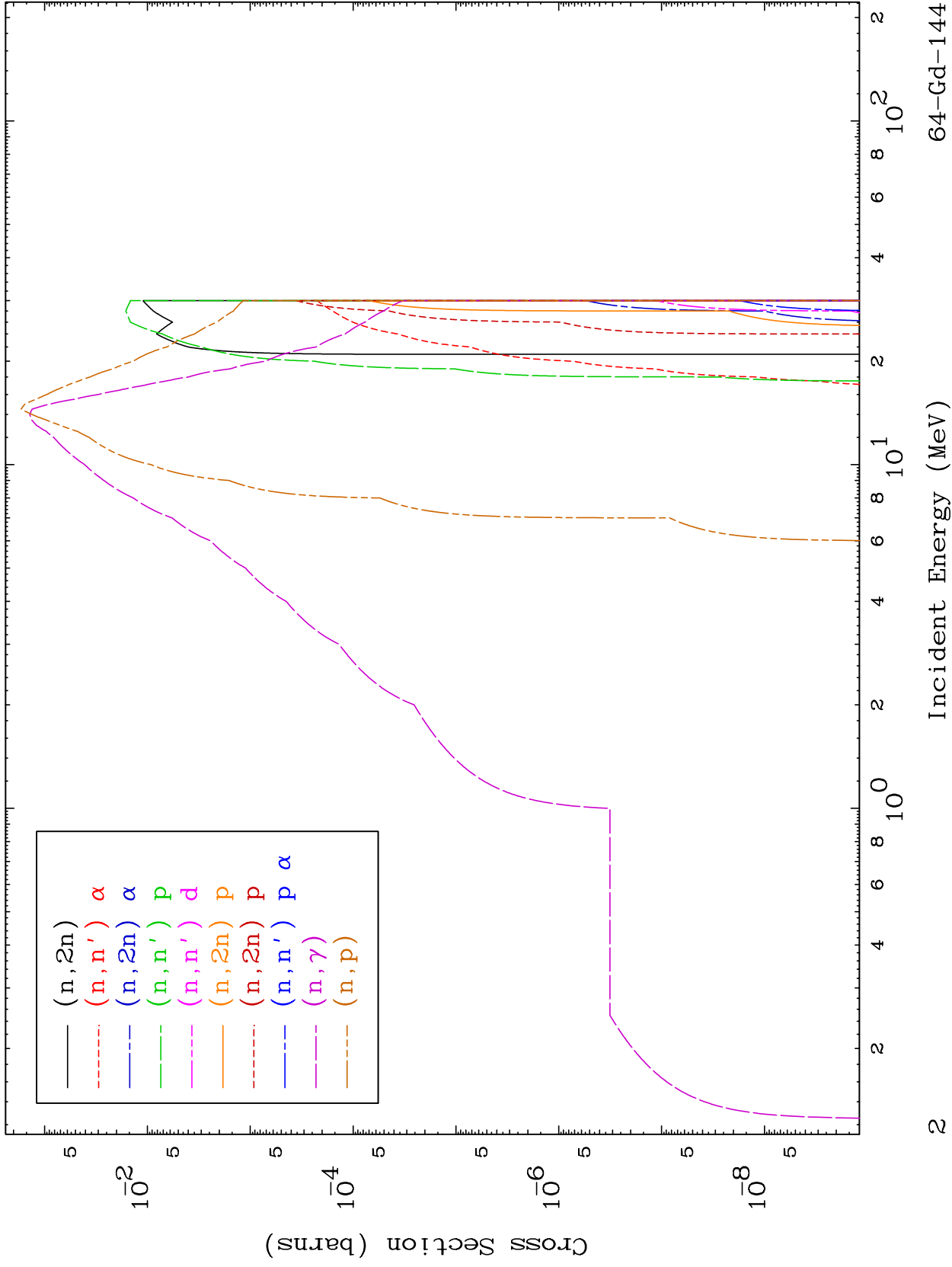
Incident Energy (MeV)

64-Gd-144

MAT 6401

Photon Neutron Absorption  
0 Kelvin Cross Sections

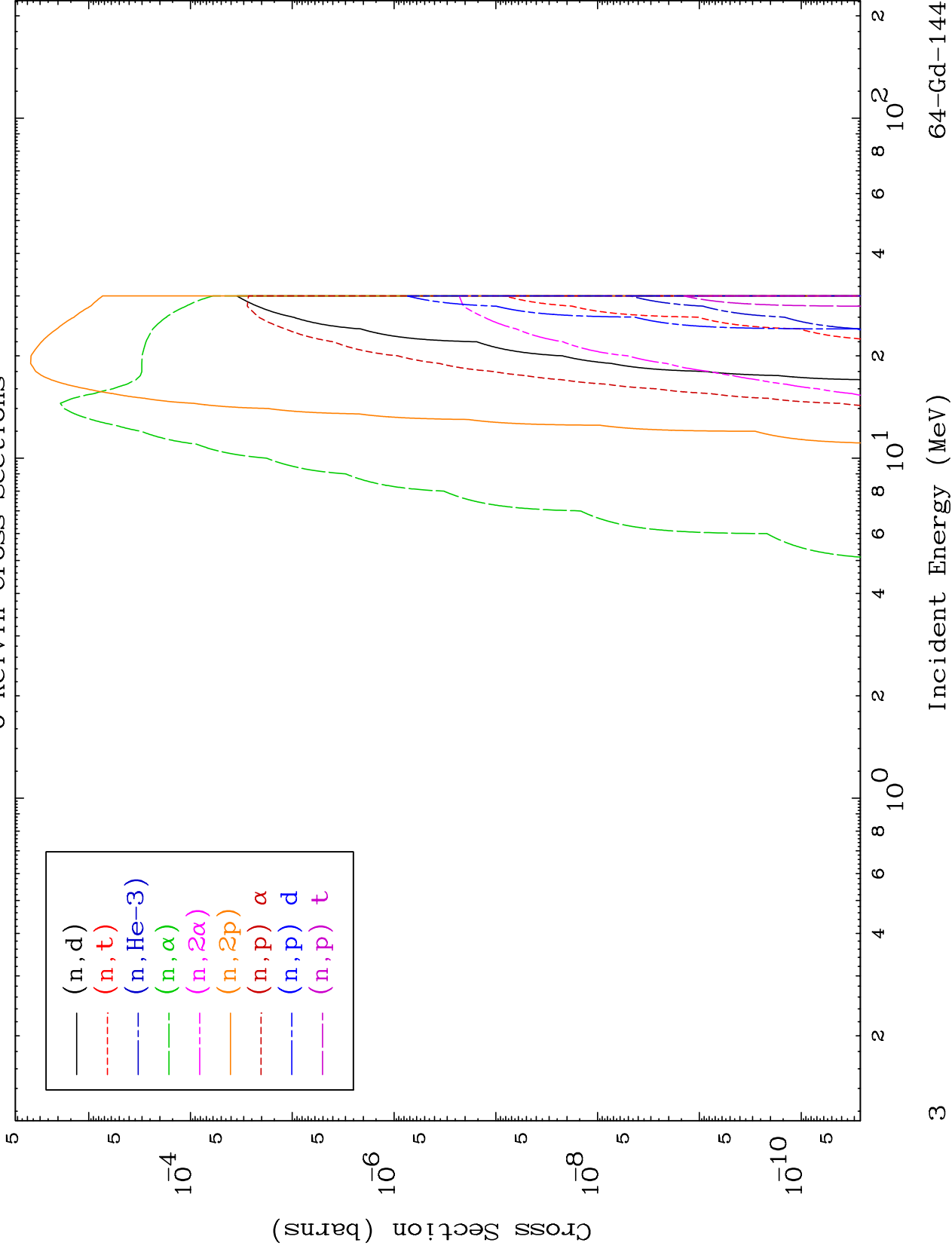
64-Gd-144

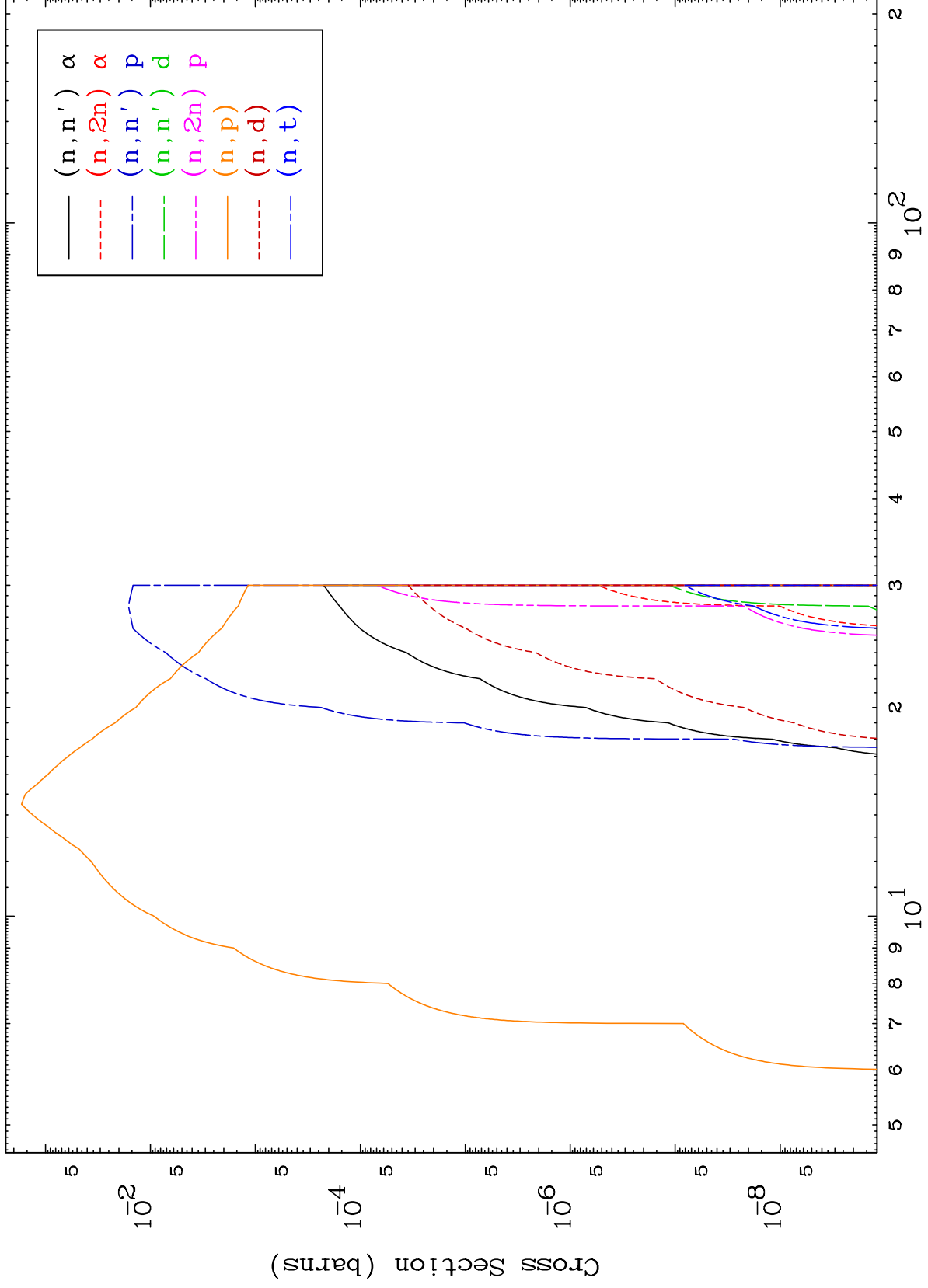


MAT 6401

Photon Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-144

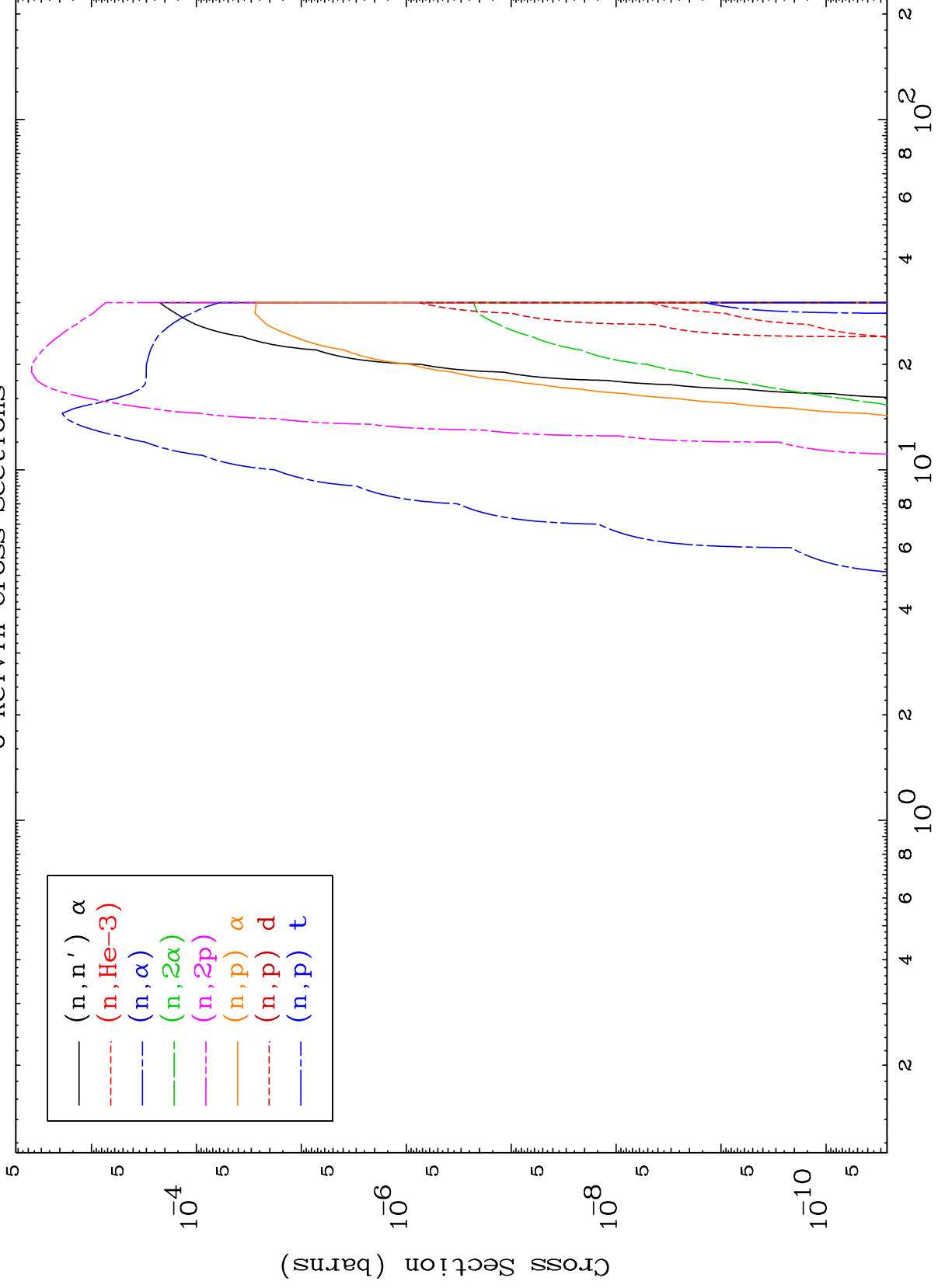




MAT 6401

Photon Charged Particle  
0 Kelvin Cross Sections

64-Gd-144



5

Incident Energy (MeV)

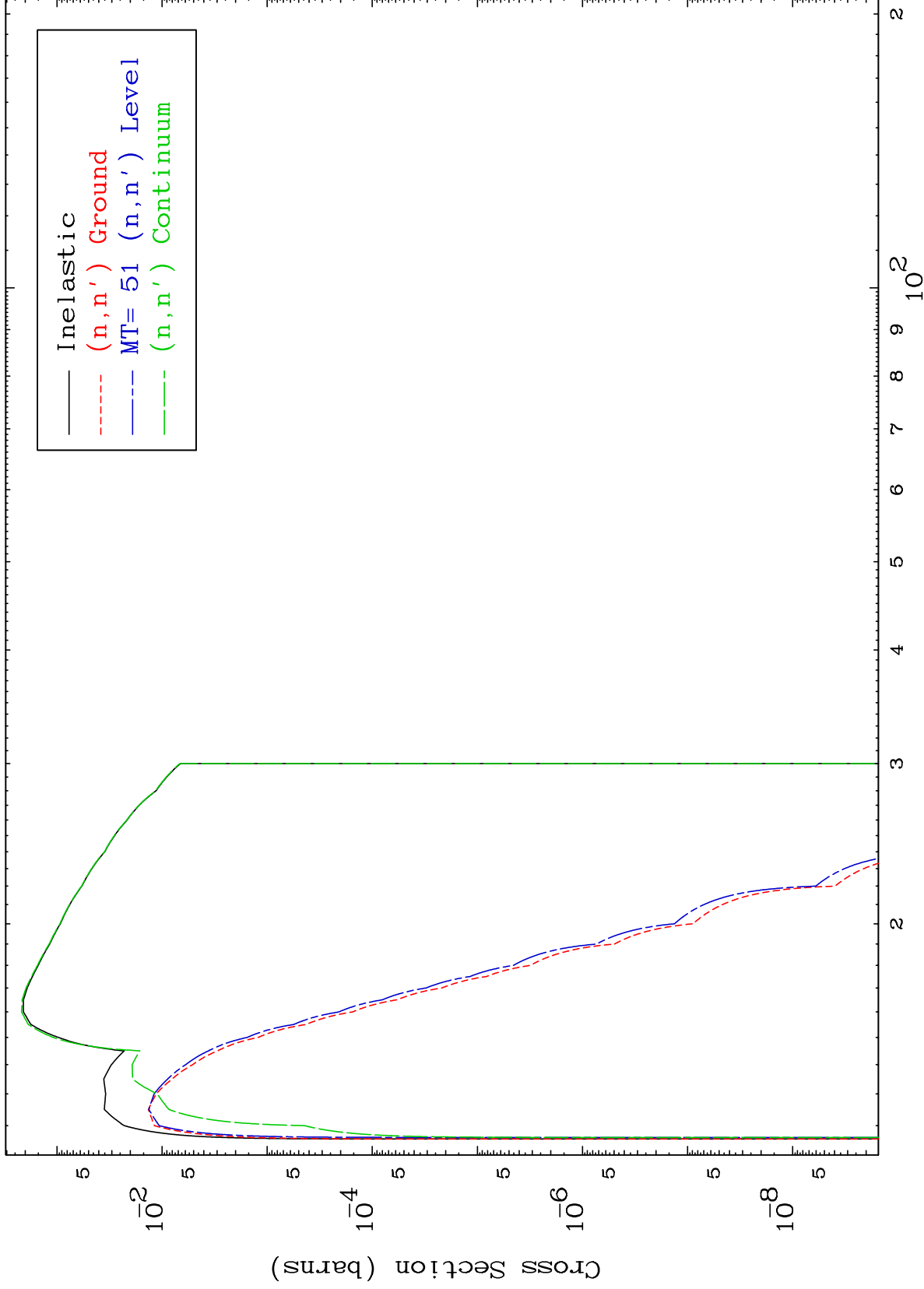
64-Gd-144

MAT 6401

( $\gamma, n'$ ) Levels

64-Gd-144

0 Kelvin Cross Sections



6

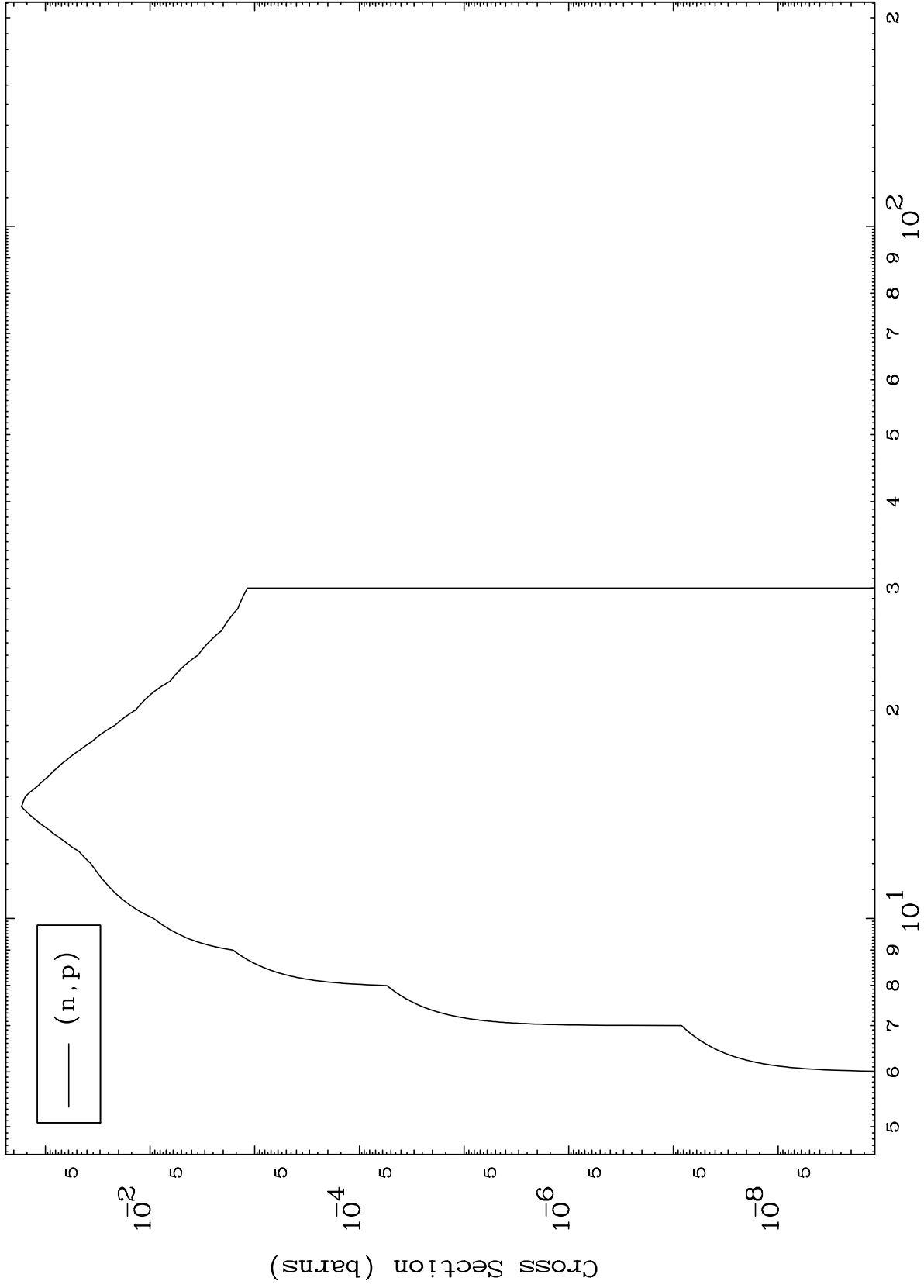
Incident Energy (MeV)

64-Gd-144

MAT 6401

64-Gd-144

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections



7

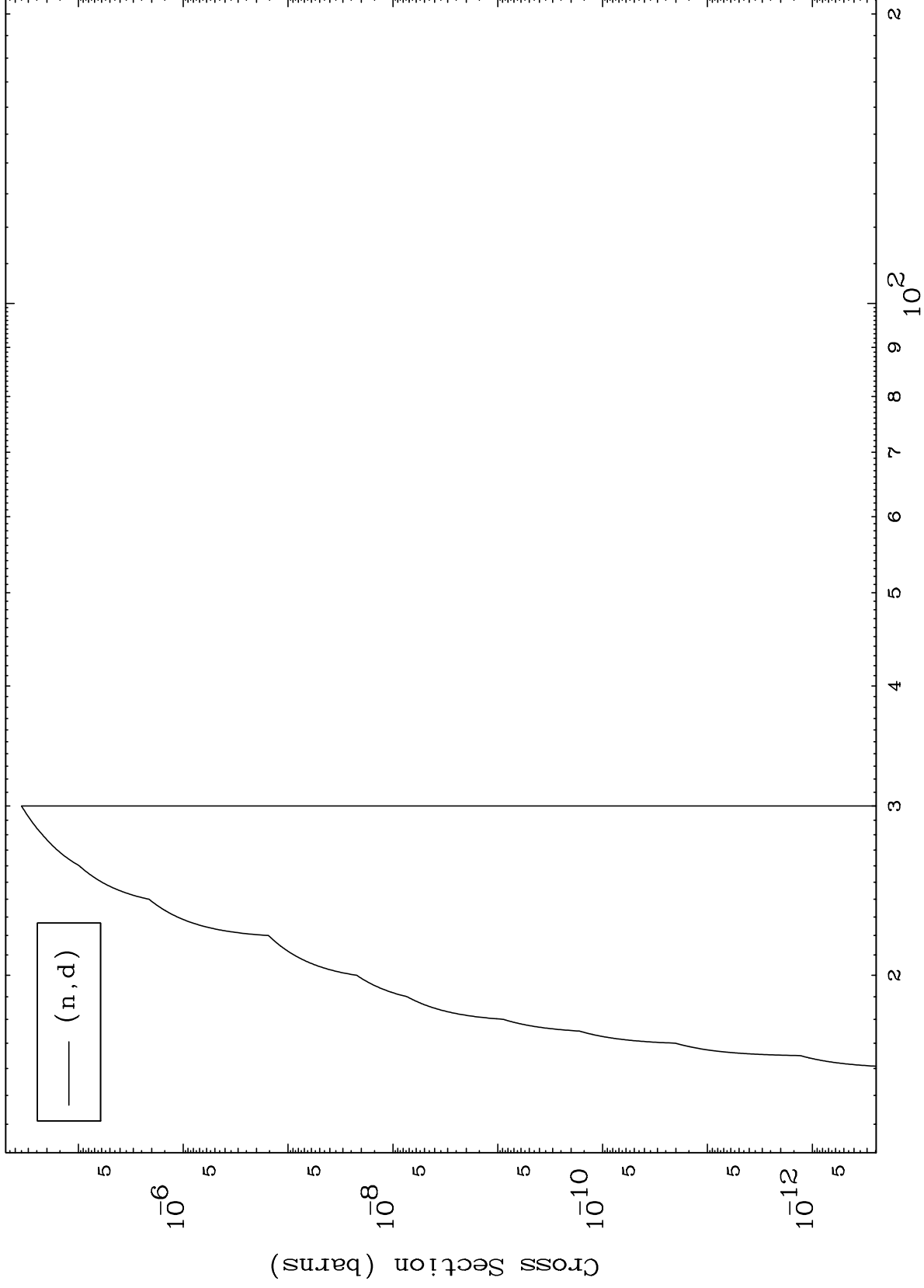
Incident Energy (MeV)

64-Gd-144

MAT 6401

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

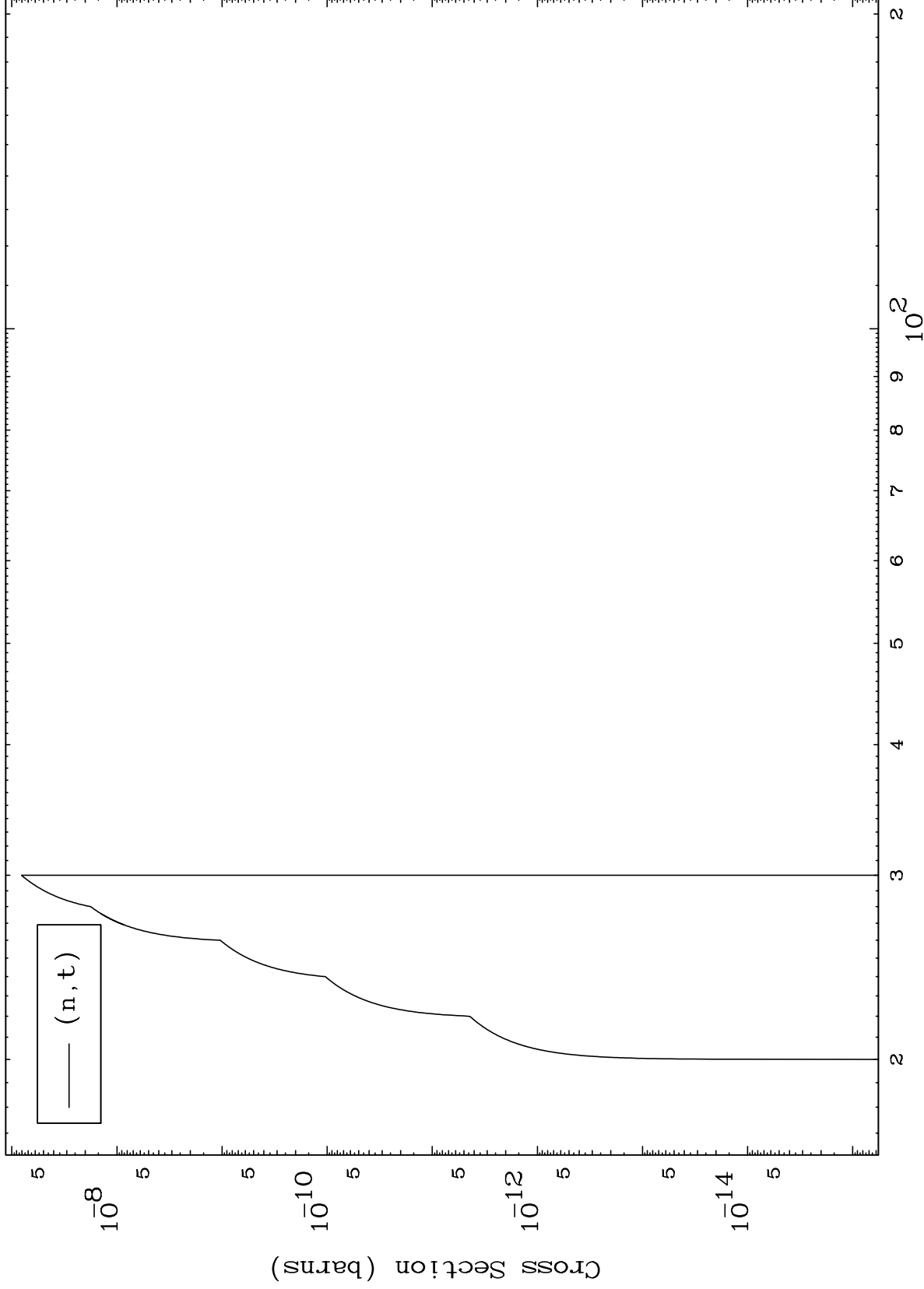
64-Gd-144



8

Incident Energy (MeV)

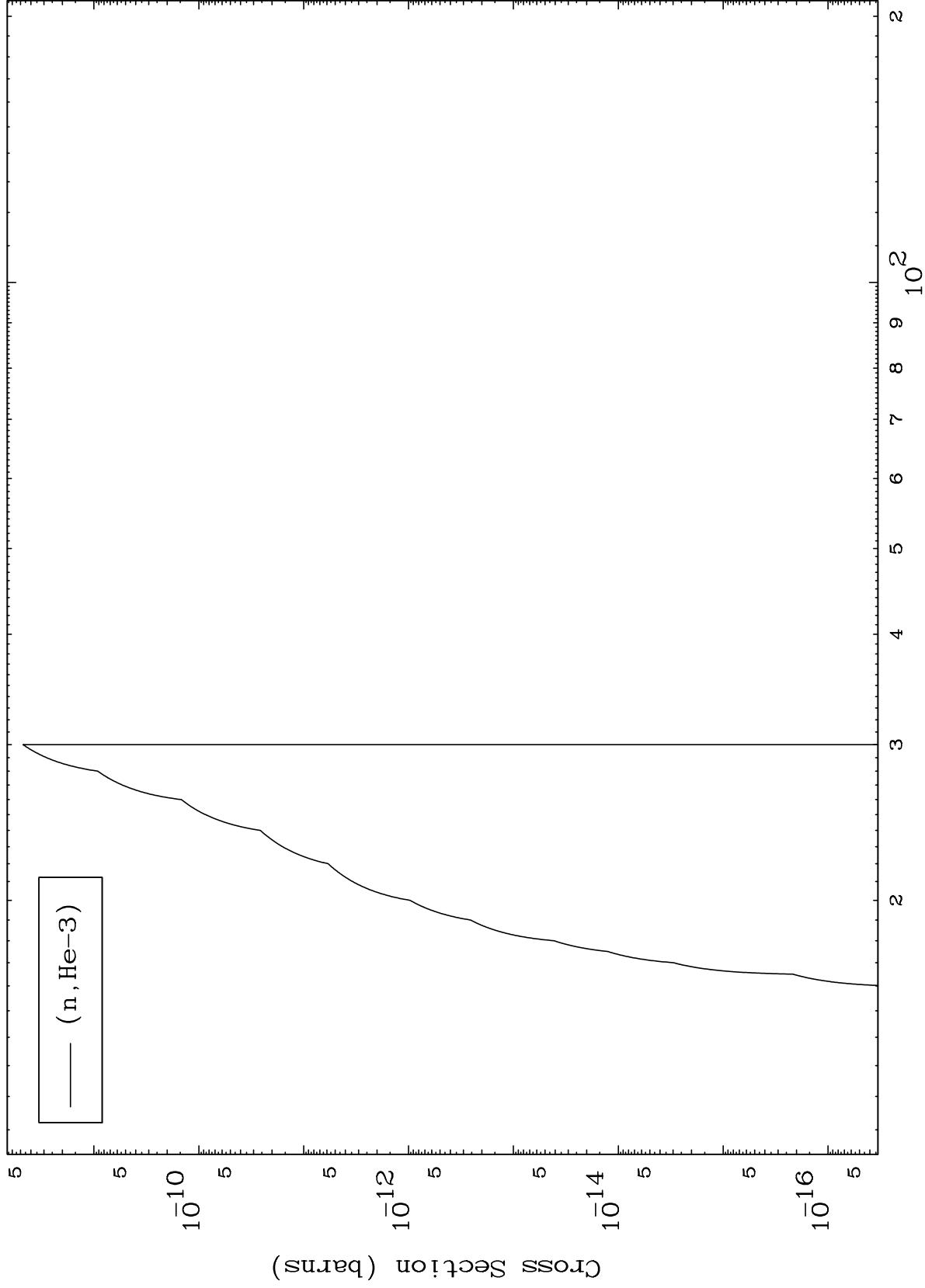
64-Gd-144



MAT 6401

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

64-Gd-144



10

Incident Energy (MeV)

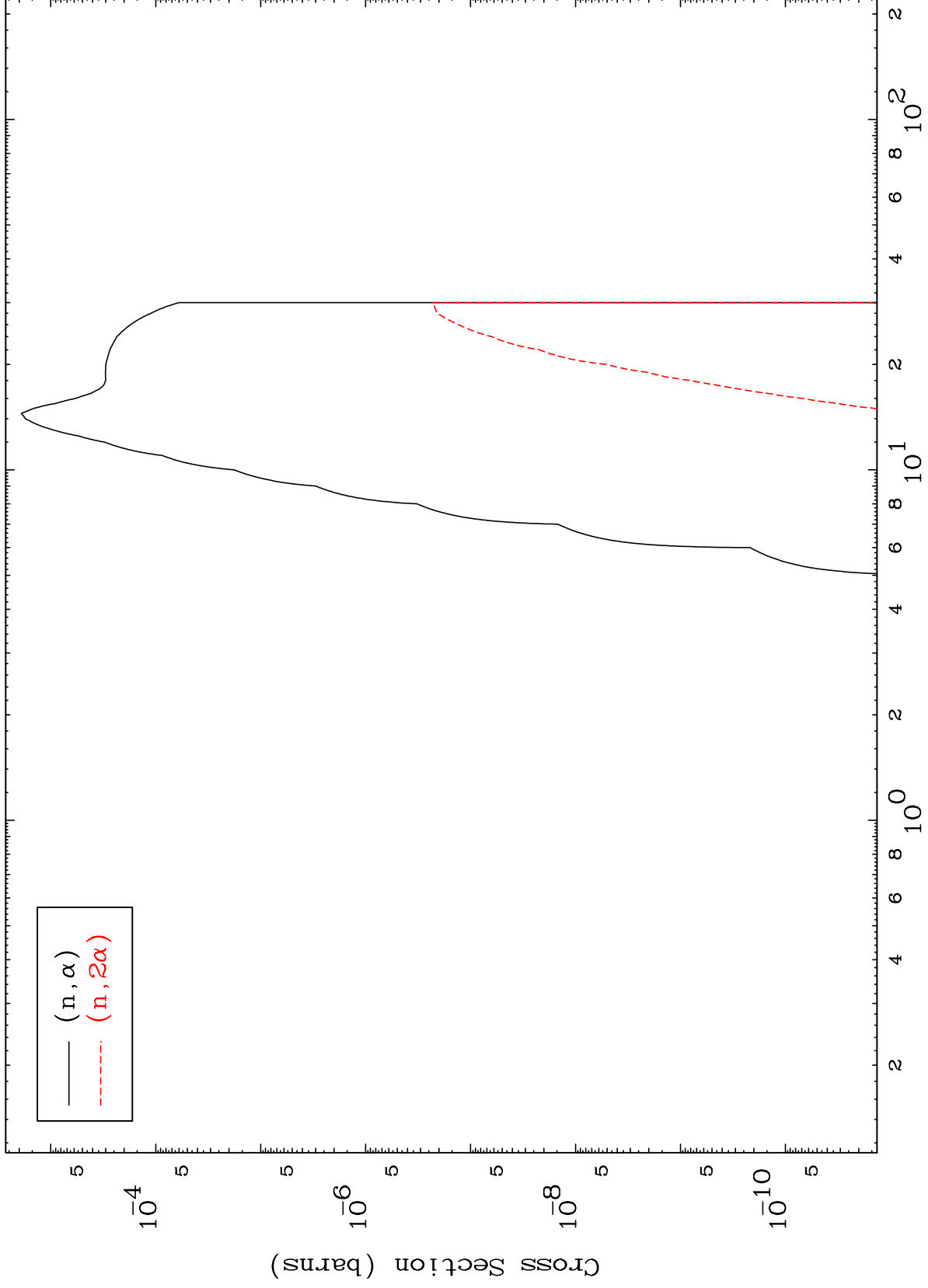
64-Gd-144

MAT 6401

( $\gamma, \alpha$ ) Levels

64-Gd-144

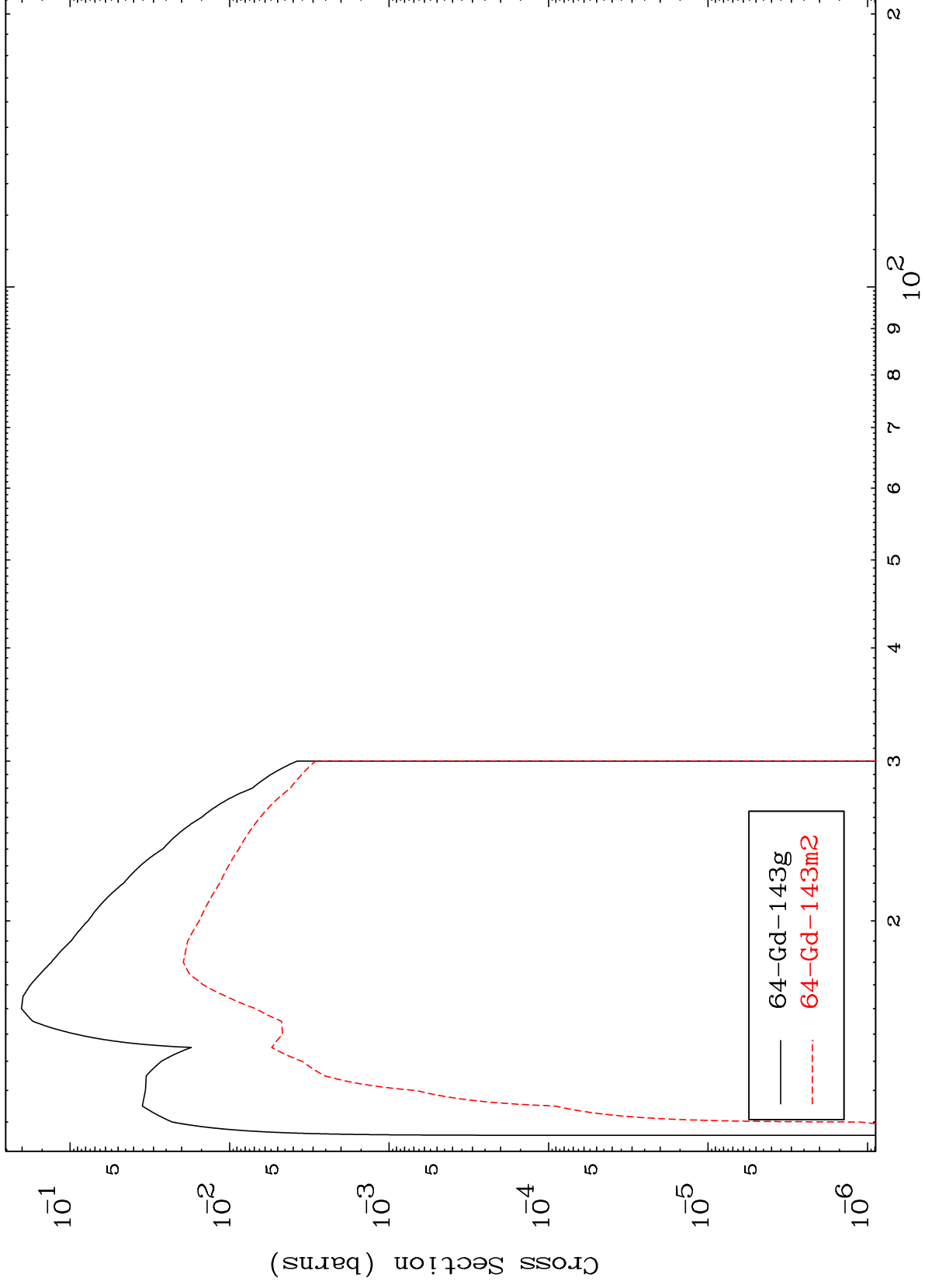
0 Kelvin Cross Sections



MAT 6401

64-Gd-144

Inelastic  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

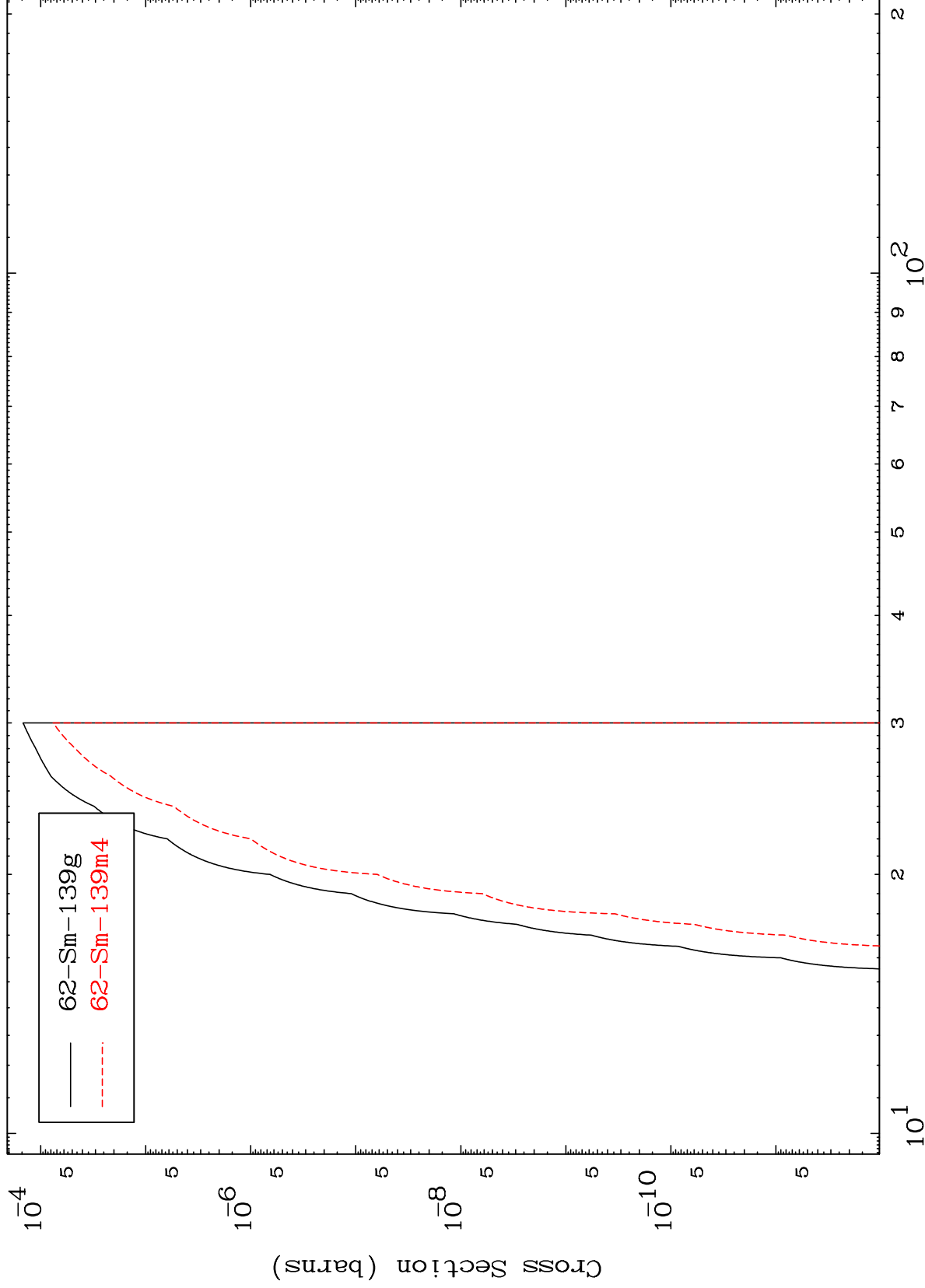
64-Gd-144

MAT 6401

$(n, n') \alpha$

64-Gd-144

Radionuclide Production Cross Section



Incident Energy (MeV)

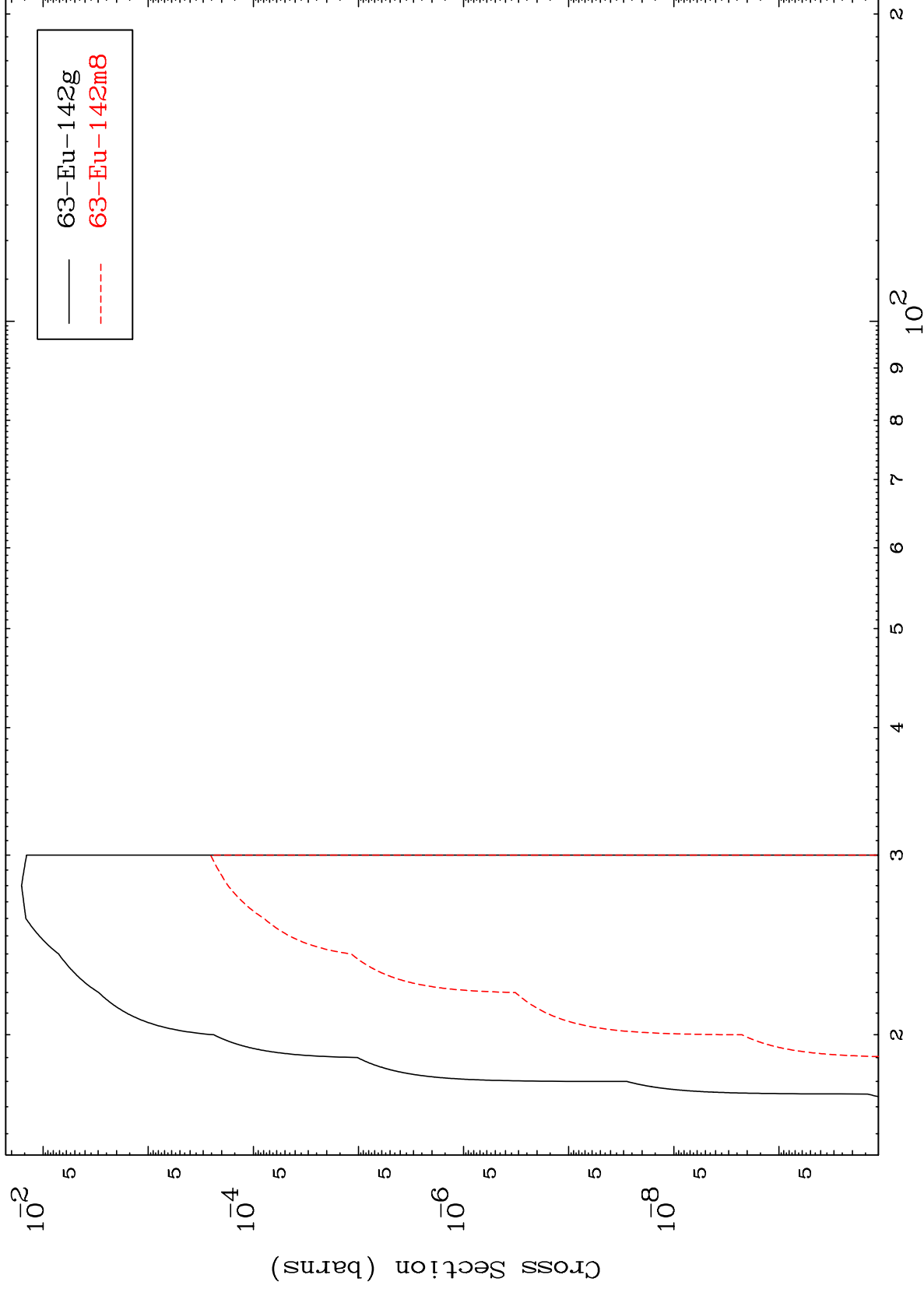
64-Gd-144

MAT 6401

(n,n') p

64-Gd-144

Radionuclide Production Cross Section

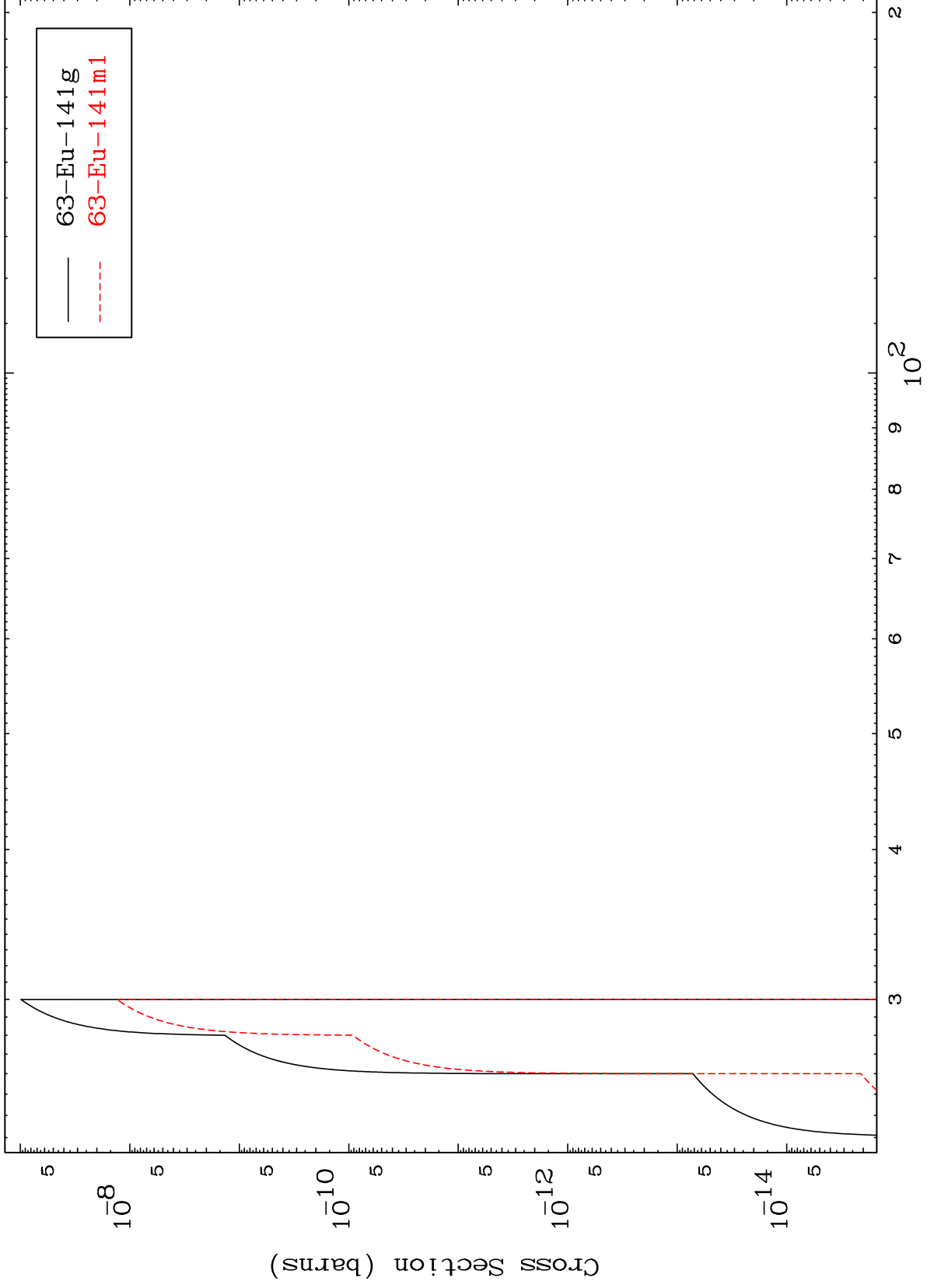


14

Incident Energy (MeV)

64-Gd-144

Radionuclide Production Cross Section

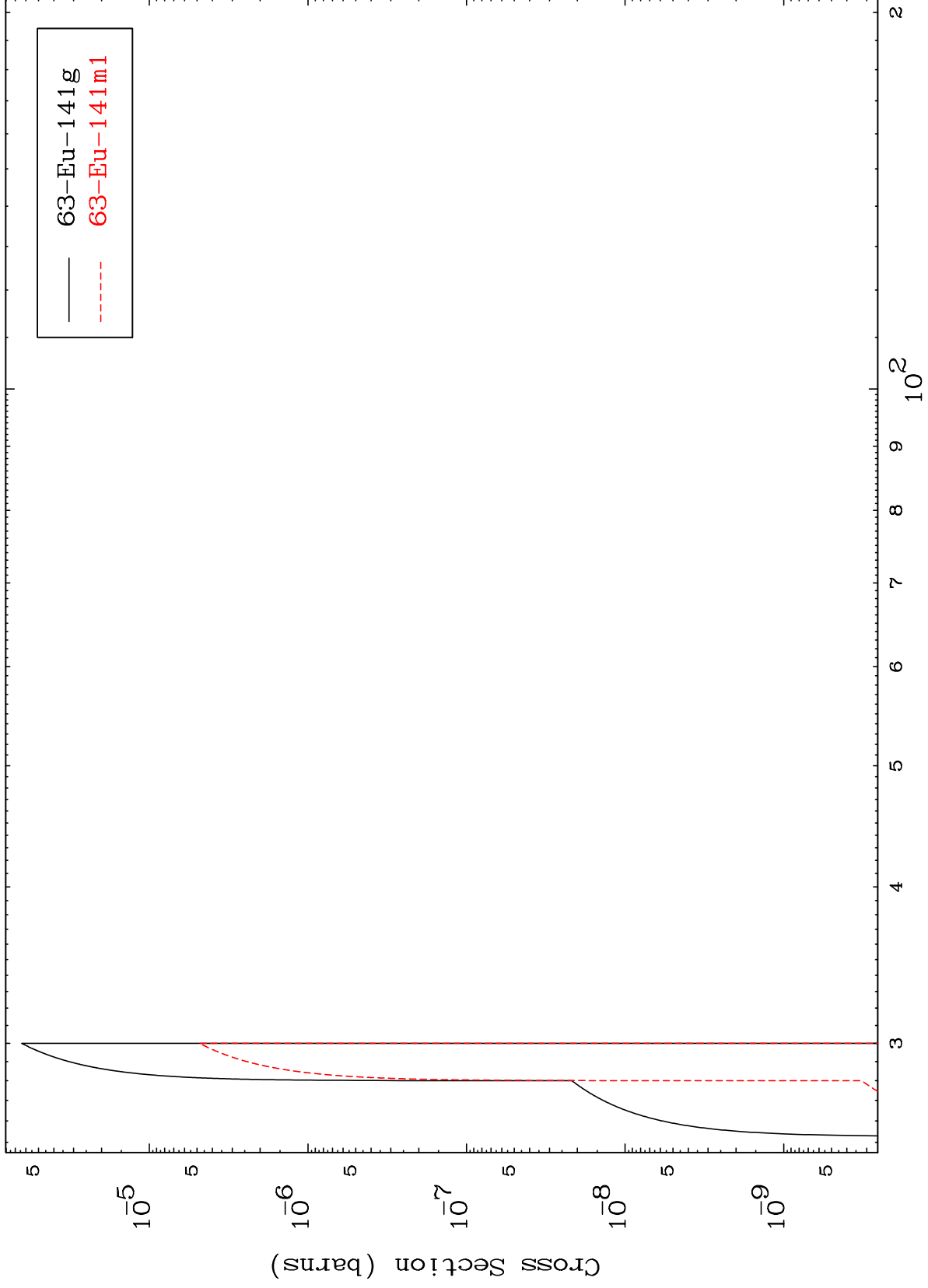


MAT 6401

(n,2n) p

64-Gd-144

Radionuclide Production Cross Section



16

Incident Energy (MeV)

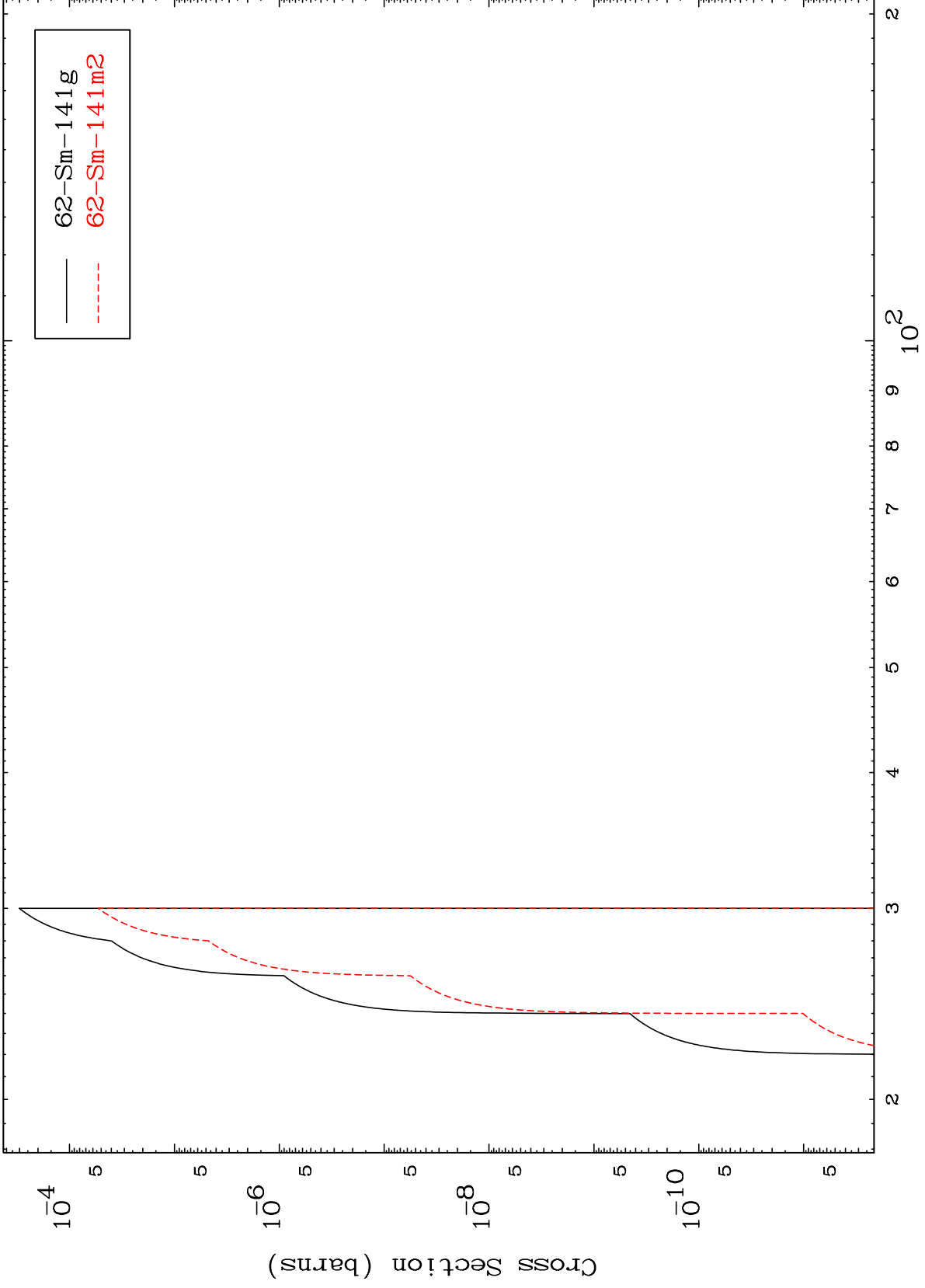
64-Gd-144

MAT 6401

(n,2n) p

64-Gd-144

Radionuclide Production Cross Section

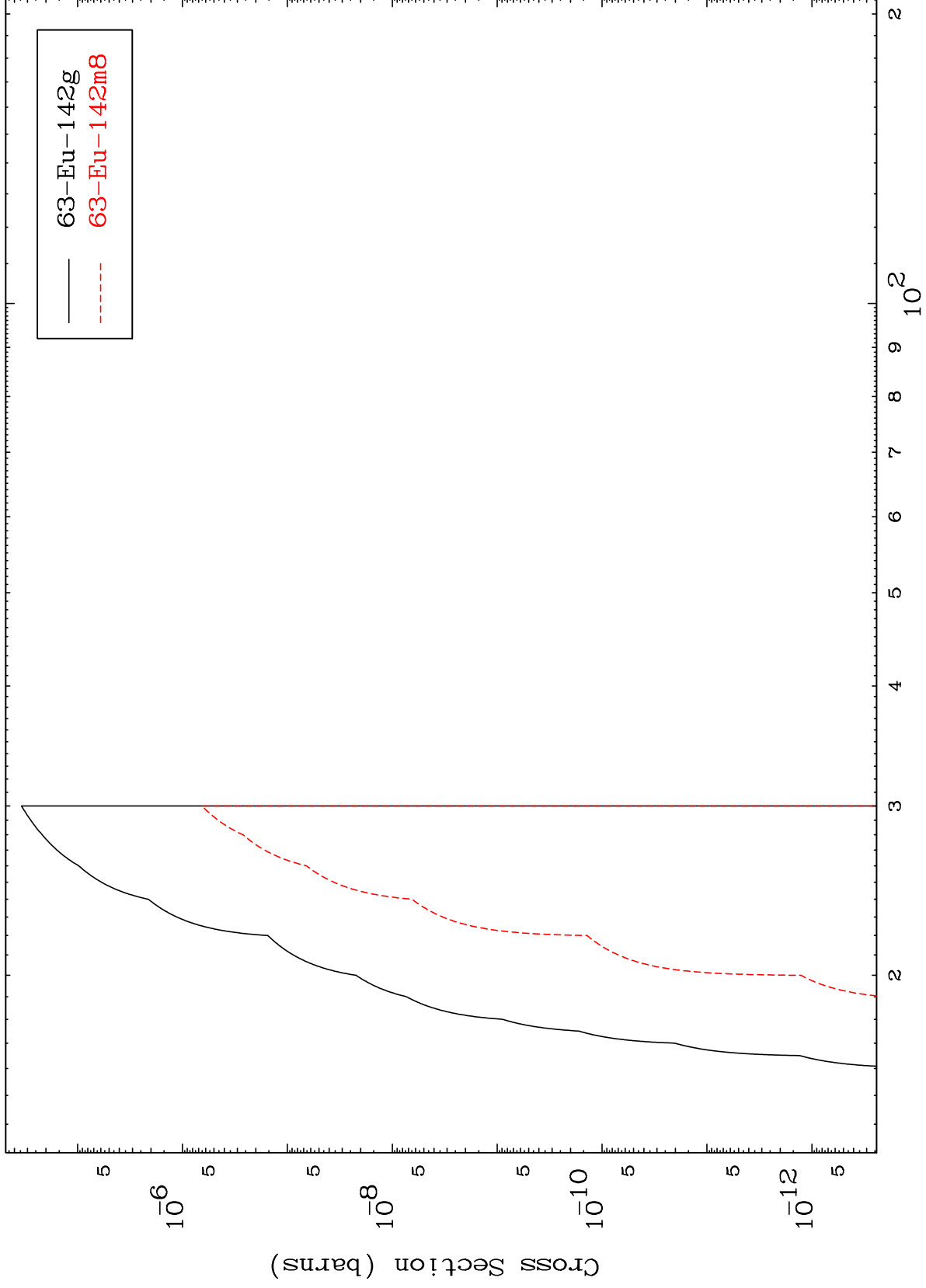


17

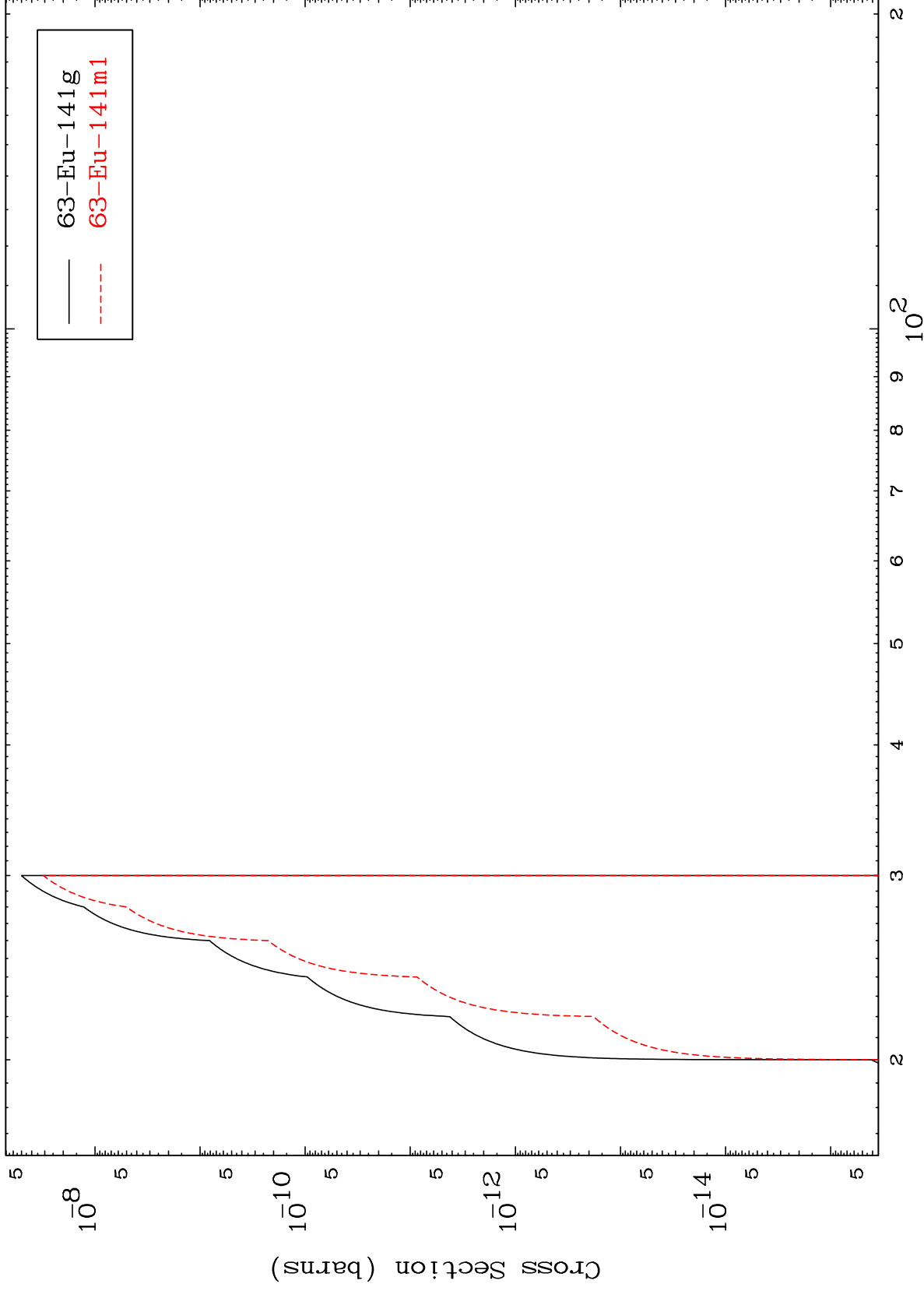
Incident Energy (MeV)

64-Gd-144

(n,d)  
Radionuclide Production Cross Section



(n, t)  
Radionuclide Production Cross Section

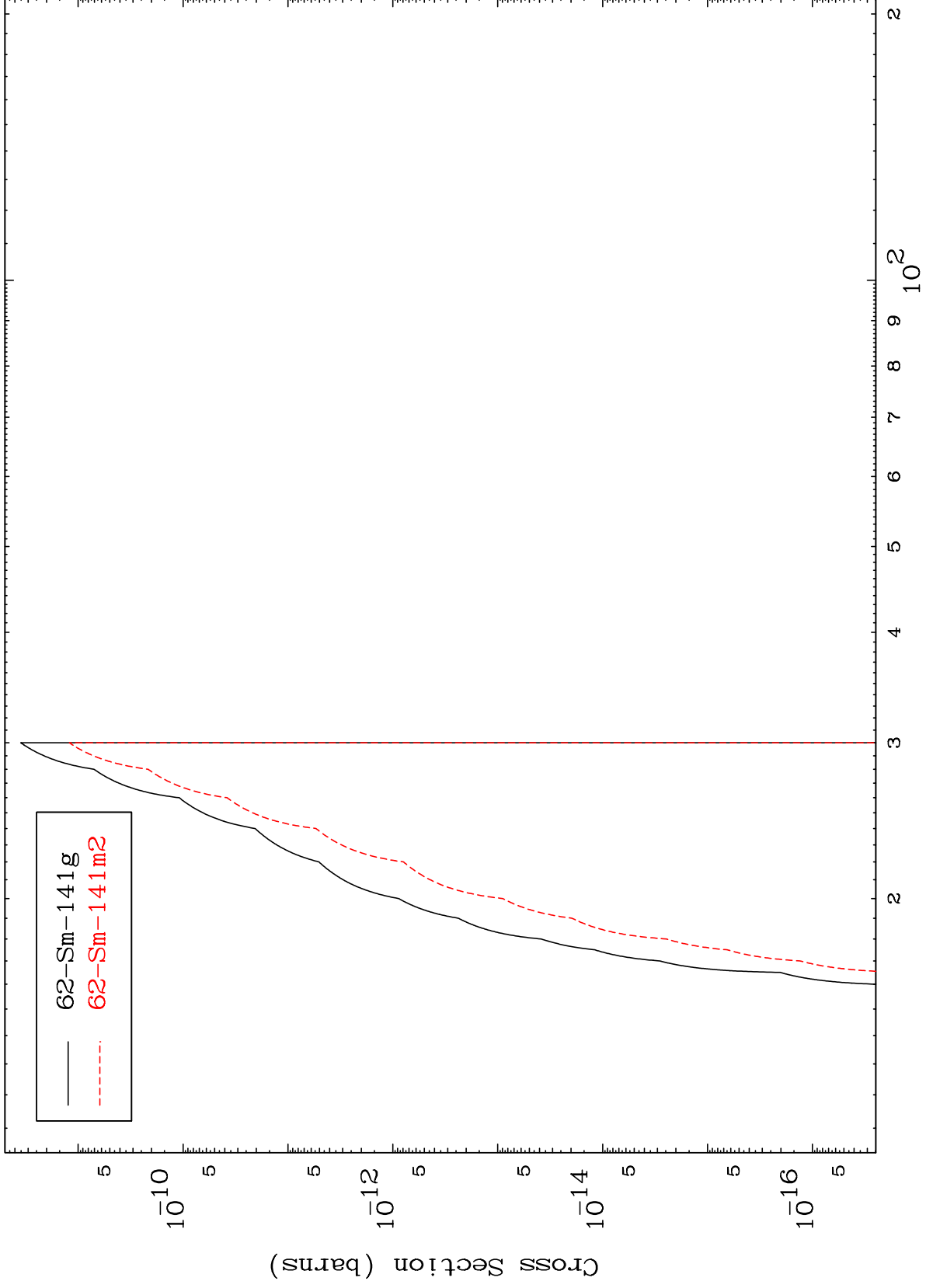


MAT 6401

(n,He-3)

64-Gd-144

Radionuclide Production Cross Section



20

Incident Energy (MeV)

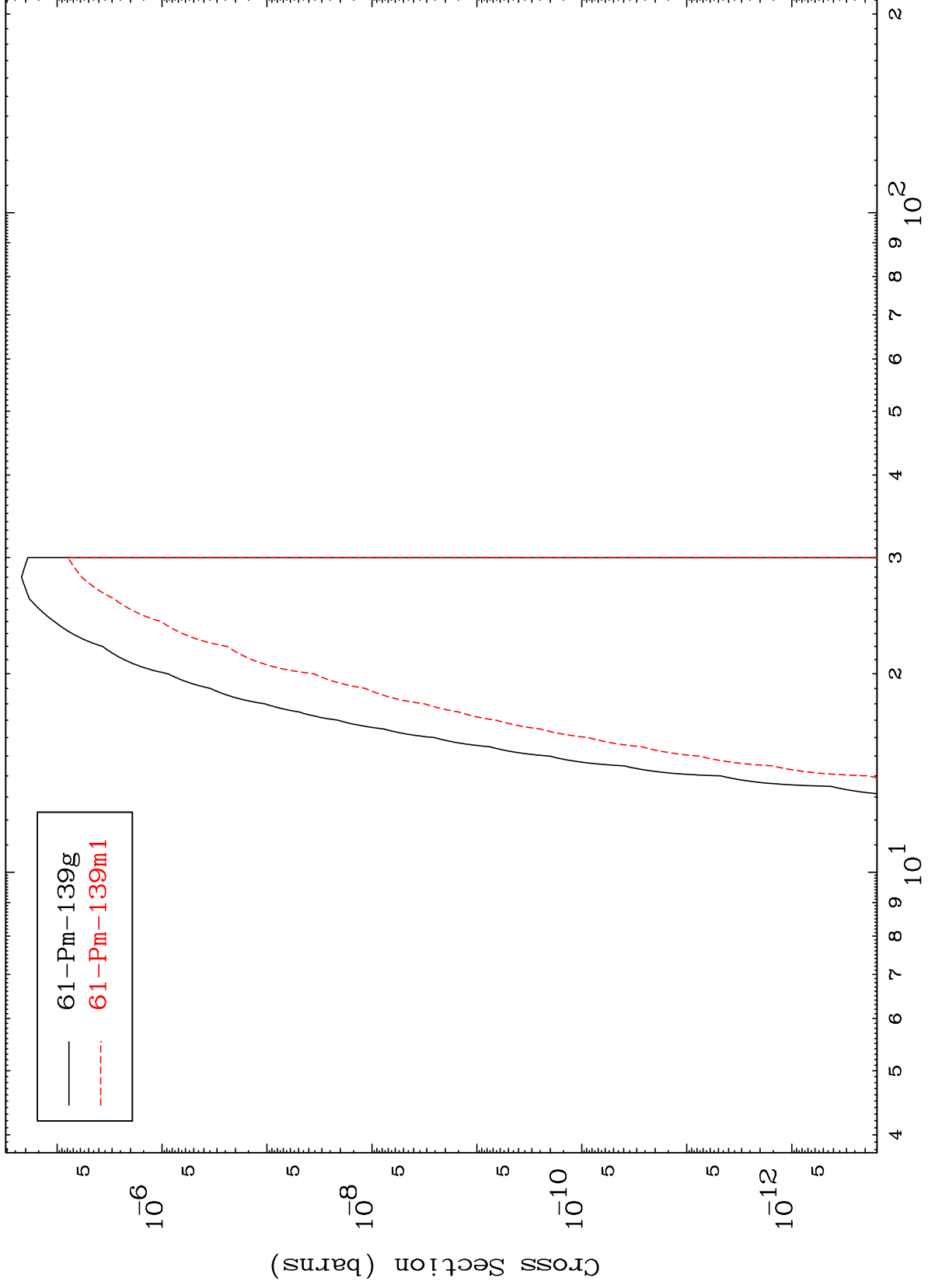
64-Gd-144

MAT 6401

(n,p)  $\alpha$

64-Gd-144

Radionuclide Production Cross Section



21

Incident Energy (MeV)

64-Gd-144

Radionuclide Production Cross Section

